



*Sixth*  
**NATIONAL  
CONVENTION**  
**A. R. R. L.**

**SEATTLE, WASHINGTON**

**July 27, 28, 29, 1951**







# WELCOME!

On behalf of the Officers of the American Radio Relay League, and the entire membership of the two sponsoring Seattle amateur radio clubs, may we extend to you all a warm and cordial welcome to Seattle and the Evergreen State.

We trust that your visit to this city and the Puget Sound area will long live in your album of memories.

This is the first National Convention west of the Mississippi River - thus in a way, all of us are sharing a historic significance.

We wish all amateur radio men everywhere an unending era of goodwill and friendship, and have a satisfaction in knowing that we have in some measure added to the better things of life.

# THE AMERICAN RADIO RELAY LEAGUE, INC.

## PAST PRESIDENTS

Hiram Percy Maxim, W1AW, 1914-1936  
Eugene C. Woodruff, W8CMP, 1936-1940

## OFFICERS:

George W. Bailey, W2KH, New York, N. Y.	President
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## GENERAL COUNSEL:

Paul M. Segal  
Washington, D.C.

## Assistant Secretaries:

John Huntoon, W1LVQ; Richard L. Baldwin, W1IKE;  
Harry Paston, W1DJV





## THE CONVENTION COMMITTEE

TOP (l to r): Johnson W7FD; King W7NRB; Newman W7CO; Hoffman, W7DL; Vandernay W7DET;  
 Burnett W7CV (ex-W2CKB); Peterson W7NL.  
 MIDDLE (l to r): Sullivan W7EOP; Mrs. Nye W7LCS; Mrs. Viers W7COX; Grubbe W7RT; Mrs.  
 Zandbergen (XYL of W7KZP); Swafford W7MEU; Morgan W7GNY.  
 BOTTOM (l to r): Lockwood W7JWE; Zandbergen W7KZP; Arpke W7LOZ; Suriano W7HUL;  
 Entrop W7JXR; Johnston W7DXF.  
 Others not in photo: W7AA, W7AAH, W7BG, W7BL, W7BQS, W7CPY, W7EKA, W7FIX, W7FNA,  
 W7GRM, W7GSR, W7GUV, W7IGM, W7IKY, W7IOQ, W7JWC, W7KEU, W7KGC, W7KKZ,  
 W7KY W7VT





# A MESSAGE

FROM THE

## GENERAL CHAIRMAN

I wish to take this opportunity to thank the many amateurs and friends who have made the Sixth National ARRL Convention a successful reality.

Some of you have been working at it for more than a year. Others have come in more recently to help us when the going got tough.

To all of you, no matter how slight your contribution, please feel assured that all your help, no matter how seemingly trivial, has been of vital importance.

And to our advertisers and exhibitors, our profound thanks! Delegates to the convention are urged to take careful note who these advertisers are, and to accord them the goodwill they so justly deserve.

Again, my thanks!

JOHN GRUBLE, W7RT  
General Chairman

# THE YLs

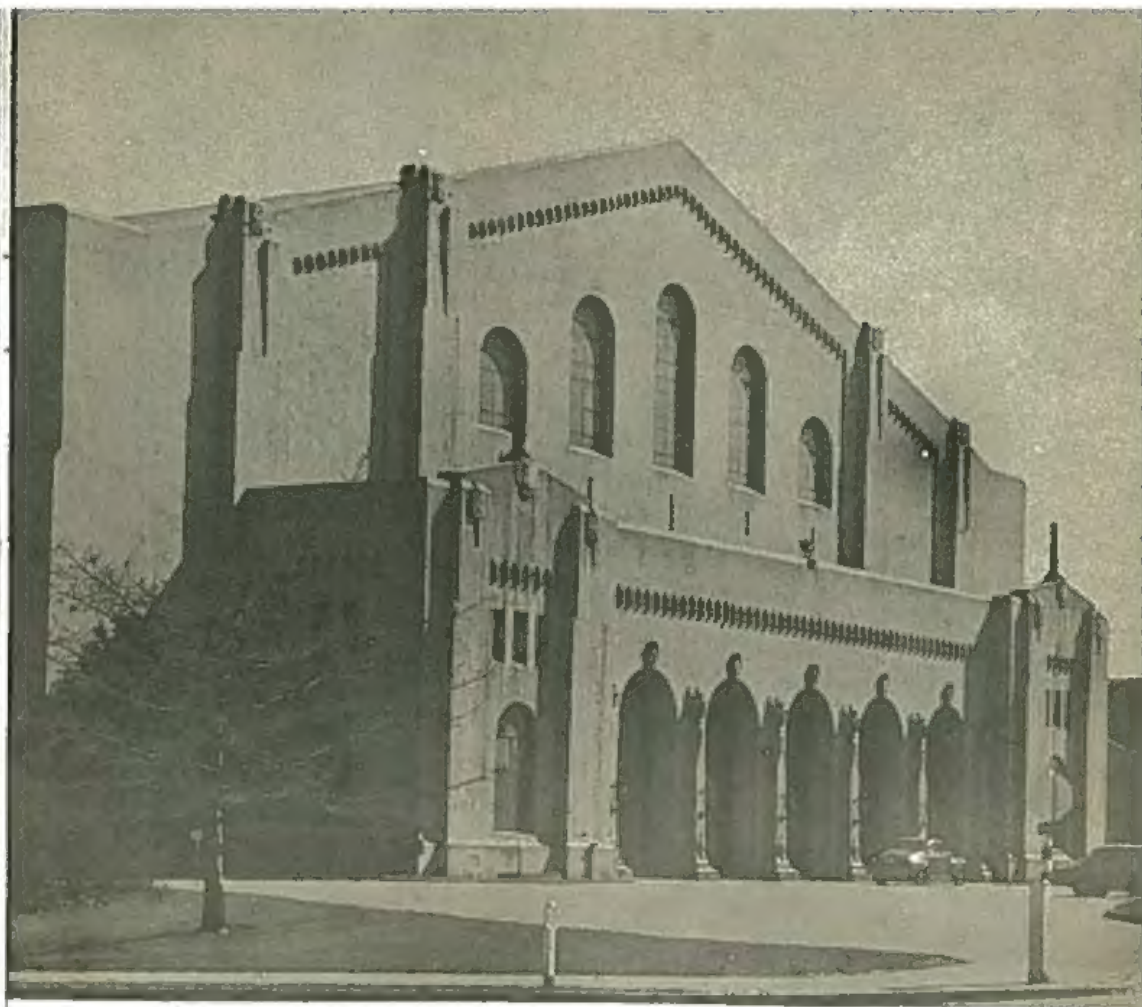


**MRS. TODDY NYE, WILCE, Seattle**  
In Charge of Women's Program  
Licensed YL Operators  
Headquarters:  
Women's Committee Room  
Olympic Hotel



**MRS. MONICA ZANDBERGEN, KYL**  
of WKZP, Seattle  
In Charge of Women's Program  
Non-Radio Guests  
Headquarters:  
Women's Committee Room  
Olympic Hotel





**CIVIC AUDITORIUM**, located at 3rd Ave. North and Mercer Street. Scene of the large convention meetings and exhibit. **OPENS AT 9:00 AM (Daylight Saving Time) SATURDAY, JULY 28.** (Delegates are asked to please NOT enter this building before that time.)

Schedule here Saturday includes: Exhibits, welcoming ceremonies, ARRL business meeting, Civil Defense Forum, radio broadcasts, entertainment and dance.

**SUNDAY, JULY 29:** Reopens 10:00 AM (Daylight saving time). Open to the public, 1:00 PM to 4 PM, by popular demand. Admission prices, adults \$1.00, children 50¢. **NOTE:** Convention delegates will be scheduled at other points during this time. See program.

**BANQUET:** Convention delegates assemble here at 6:00 PM (DST) Sunday for banquet.

Official Convention Station W7AA is in operation in this building, room 102. The telephone is GARfield 1164. There is a teletype connection direct to the Olympic Hotel. Calling frequencies: 29mc, (phone) and 3970kc (phone); the station will QSY slightly off frequency to avoid QRM to mobiles at remote points. (Special QSL cards for QSOs with W7AA.) Call is owned by Harold Renfro, committee member, who secured it as the first seventh district call issued immediately after World War I. During Sunday, parking lot in front of building reserved for ARRL Convention cars. **MUST** display official ARRL windshield sticker.



**NAT BURNETT, W7CV**  
Housing Chairman



**CDR. EARL LOCKWOOD, USN**  
W1JWE  
Military Liaison



**BOB HOFFMAN, W7DL**  
DX Program



**ART PETERSON, W7NL**  
Golf Chairman



**CASTLE ARPKE, W7LOZ**  
ROWH Chairman



**MRS. FRAN VIER, W7COX**  
Hostess, OEN Room



**ART DAILEY, W7BL**  
Engineering Assistant



**BILL VANDERMAY, W7DET**  
Broadcast Chairman



**HAROLD JOHNSTON, W1DXF**  
 President, West Seattle  
 Radio Club, Inc.  
 (Exhibit Hall Chairman)



**ED ZANDERBERG, W1KZP**  
 President, North Seattle  
 Amateur Radio Club, Inc.  
 (Convention Chief Technician)



**WALT MITCHELL, W1VI**  
 Greeters Chairman



**MRS. MYRNA GAMBLE**  
 Chief Stenographer



**DON NEWMAN, W1CO**  
 Hidden Transmitter Man





**HAROLD JOHNSTON, W7DXF**  
President, West Seattle  
Radio Club, Inc.  
(Exhibit Hall Chairman)



**ED ZANDERGER, W7KLP**  
President, North Seattle  
Amateur Radio Club, Inc.  
(Convention Chief Technician)



**WALT MITCHELL, W7VI**  
Greeters Chairman



**MRS. MYRNA GAMBLE**  
Chief Stenographer



**DON NEWMAN, W7OO**  
Hidden Transmitter Man



# **CONVENTION MOBILE CONTESTS COMMITTEE**

Officers of Radio Club of Tacoma, Inc.: (Left to right) Eugene Dodge, W7BTU, Vice-President; Alex Braidwood, W7A2R, President, Max Bice, W7AEA, Trustee; Cliff Osborne, W7MFG, Secretary; David W. Noonan, Treasurer, (Mobile contests judges.)



**EUGENE H. DODGE, W7BTU**  
President, Puget Sound Council  
of Amateur Radio Clubs  
Civil Defense Forum Chairman  
National Convention



**KARL W. WEINGARTEN, W7BG**  
Alternate Director, Northwestern  
Division, ARRL  
Honorary Member Convention  
Committee

# Program

Friday - July 27

All activities originate from Olympic Hotel. Please do NOT enter Civic Auditorium until Saturday. (All time is Pacific Daylight Saving).

<u>Time</u>	<u>Event</u>	<u>Place</u>
8:00 AM	Meet trains from East	King Street Station (NP-GN)
8:00 AM	FCC Exams, Amateur Licenses	Federal Office Bldg. Free transportation from Olympic Hotel to FCC office for applicants.
9:30 AM	REGISTRATIONS OPEN	Spanish Lounge, Olympic
9:45 AM	Golf Tournament	Assemble Parlor E, Olympic. Play at Sand Point Golf & Country Club. W7NL, Art Peterson, host. Prizes
11:45 AM	Luncheons	See bulletin board, Spanish Lounge, Olympic
1:00 PM	Motion Pictures (movie equipment courtesy of Eastman Kodak Stores, Inc.)	Parlor F, Olympic. Continuous showings until 9:00 PM. For registered guests only. See movie schedule sheet for listings.
1:30 PM	University of Washington Tour	Assemble Metropolitan Square north of Olympic. Arrive at U of W Campus 2:00 PM. Visit Cyclotron
2:00 PM	Government Locks Tour	Leave with car caravan. Tour leader, W7BL/mobile, on 29.2 mcs phone.
2:15 PM	Lake Washington Bridge Tour	Leave with car caravan. Tour leader, W7MEU/mobile, on 29.950kc phone.
2:30 PM	Municipal Market Tour	Walk from Olympic and return. Delightful visit through business district. Especially of interest to women
6:00 PM	Dinners	See bulletin board, Spanish Lounge, Olympic.
6:30 PM	Visit Radio Broadcast, Texas Jim Lewis' Rainier Ranch, broadcast over KIRO	Mountain Room, Rainier Brewing Co. Arrive at 7:00 PM. Limited attendance.
8:00 PM	Deluxe Gab Session Jamboree	Spanish Ballroom, Olympic. PRE-REGISTRATION DRAWINGS; (Winners need not be present.)





**THE NEW  
NC-125**

*featuring a built-in*

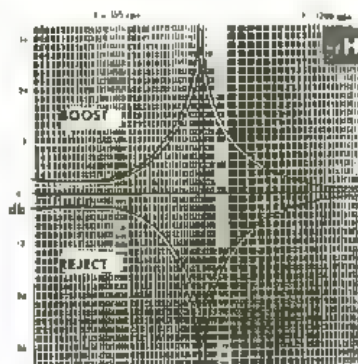
**SELECT-O-JECT**

*sensational new audio filter*

Here at last is an up-to-the-minute general coverage receiver, incorporating all the latest engineering improvements, including exclusive SELECT-O-JECT audio filter — yet moderately priced more, it's built with all the honest craftsmanship and rugged, dependable quality that have made National the world's foremost maker of communication radio receivers.

**\$149<sup>50</sup>**

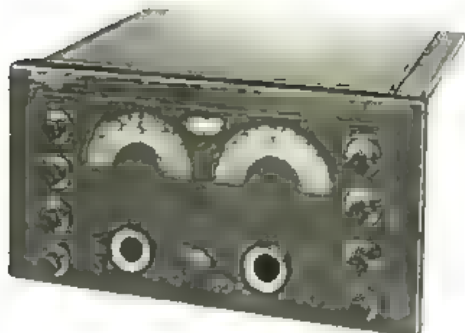
(Less speaker • Slightly higher cost of the Rockies)



**HOW THE SELECT-O-JECT OPERATES**

With the patented, built-in SELECT-O-JECT, it is possible to boost any single selected audio frequency 38 db or reject any single frequency 45 db within the range of 100 cps to 12,000 cps. This makes it possible to practically eliminate annoying heterodyne whistles, and unwanted signals. The resultant high degree of selectivity surpasses that of much higher-priced receivers.

**National**



**NC-183**

**HRO-50T1**



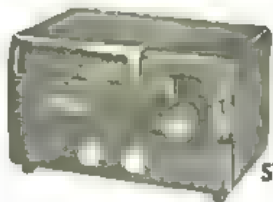
All the world-famous, time-tested HRO features plus the highest degree of skirt selectivity ever achieved in a general communications receiver!

**\$383.50**  
(less speaker)

One of the most popular receivers National ever built. All the wanted features from two-stage R.F. to high fidelity push-pull audio.

**\$279**  
(less speaker)

regardless of . . . . how much or how little  
you spend,



**SW-54**

The hottest little receiver on the market! Covers entire range from 540 kc. to 30 mc. with amazing sensitivity, yet measures only 11" x 7" x 7"!

**\$49.95**

you'll always  
be glad  
you  
chose a

**all 3 available for immediate delivery**

Slightly higher  
West of the Rockies

**SEE INSIDE AND THEN DECIDE!**

**National**



**NATIONAL COMPANY, Inc.**  
MALDEN, MASSACHUSETTS



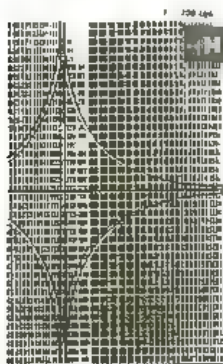
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*sensational new audio filter*

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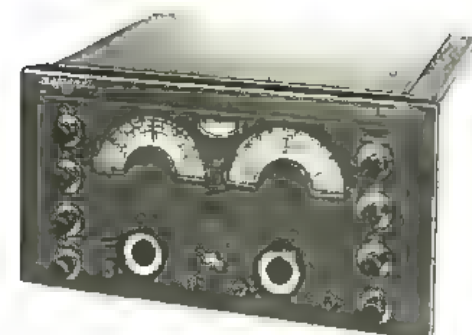
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\* Slightly higher wall  
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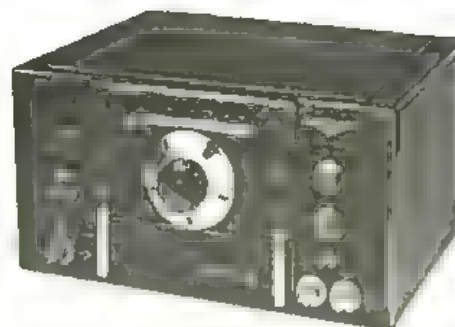


**NC-183**

One of the most popular receivers National ever built. All the wanted features from two-stage R.F. to high fidelity push-pull audio.

**\$279**  
(less speaker)

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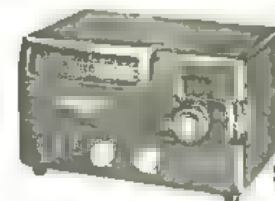
**\$383.50**  
(less speaker)

regardless of . . . . how much or how little  
you spend,

*you'll always  
be glad*

*you*

*choose a*



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**\$49.95**

all 3 available for immediate delivery







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*featuring a built-in*

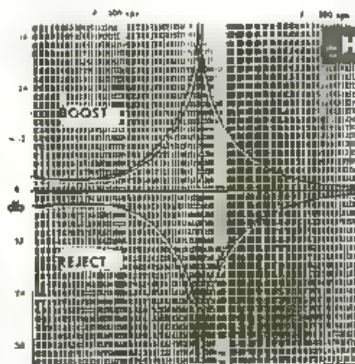
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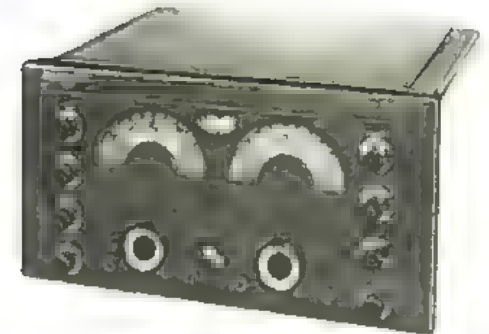
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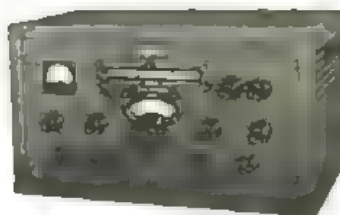




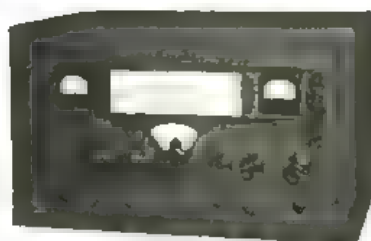
TUG TOWING LOG RAFT -

YOU'LL ALWAYS BE GLAD YOU BOUGHT COLLINS

The Collins 75A-2 double conversion superheterodyne amateur receiver. Permeability tuned; crystal controlled h-f oscillator; dial calibrated directly in frequency; extremely high selectivity, sensitivity, stability, and tuning accuracy; high signal to noise ratio; 50 db image rejection on all bands; automatic noise limiter; amplified, delayed AVC with quick recovery; miniature tubes.



New Collins 32V-3 amateur transmitter. 150 watts input CW 120 watts phone; 70E-8A VFO controlled, bandswitching, gang tuned; designed for maximum reduction of TVI by means of added tuned circuits in the exciter and an added L section in the unbalanced pi output network, plus double shielding and filtering of all leads.



New Collins KW-1 amateur transmitter. One Kilowatt input AM, NBFM phone, and CW; designed to avoid TVI with additional attention in the antenna network and filtered control leads; completely shielded r-f assembly; usual excellent Collins audio with speech clipper and high level low pass filter for bandwidth limitation; exciter, single control tuning; single bandswitch for entire transmitter; output 50 ohms (3 to 1 standing wave ratio.)

For the best in amateur equipment, it's . . .



**COLLINS RADIO COMPANY, Cedar Rapids, Iowa**

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2700 West Olive Avenue, SUDBURY





**JACKIE SOUDERS** and his  
"Kiss with a Bandstand"  
Hear him and his 15-piece orchestra  
at the big dance 8 PM Saturday, July  
18th, at the Civic Auditorium. Hired  
exclusively for the convention dance.



**LATIN STYLISTS** Margaret Topping and Darrell Hookins  
Entertainment feature Saturday evening, July 18, at Civic Auditorium

*Seattle* invites you to compete in  
**15 DAYS OF THE WORLD'S  
GREATEST**  
*Speedboat Racing*



**International  
CRUISER RACE**  
JULY 28-29

**QUALIFYING TRIALS  
GOLD CUP RACE**  
JULY 30 thru AUGUST 2  
**PROFESSIONAL  
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OUTBOARDS**  
SUNDAY, AUGUST 5



*The*  
**Gold Cup**  
Saturday, August 4

**STOCK UTILITY  
Regional Outboards**  
Saturday, August 11

**PACIFIC MOTORBOAT  
TROPHY RACE**  
SUNDAY, AUGUST 12

**LIMITED HYDROPLANES**  
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**SEATTLE POST-INTELLIGENCER  
100 MILE OUTBOARD MARATHON**  
WEDNESDAY, AUGUST 6

**SEAFAIR  
Trophy Race**  
Sunday, August 12

*For Information* Write to: Seattle Seafair Races, 1872 Hamlin Avenue, Seattle, Washington  
Telephone MKR 1800, Seattle

**Say hello to John and others of  
the Eimac Gang, they're here.**

To help you . . .

**A New Service for the Amateur**



John L. Reinartz, K6BJ . . . one of the best known of the real old-timers in amateur radio. Formerly W1QP . . . he started his activities in 1908 and has since that time gained prominence not only for his accomplishments on the air but also for his frequent magazine articles and lectures to ham groups. John, still an active amateur, now heads the new Eimac personalized engineering - assistance service for amateurs.

Now, under the able wing of John L. Reinartz K6BJ . . . a new, personalized engineering-assistance service specifically for the amateur. This new service will carry one step further Eimac's continued fight for advancement of the "electron art" as applied to vacuum tubes in amateur radio. Through Mr. Reinartz' capable efforts, the vast fund of knowledge and know-how of the Eimac research and field engineering facilities will be drawn on to provide the best answers to your vacuum tube problems. Of course, this service is rendered without obligation or cost. Remember, if you have a vacuum tube application problem . . . it's our problem, too. Write John today.



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...Looking for some good ideas  
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## G-E HAM NEWS

Remember the R-9'er...the Megabooster...the Lazy Linear...the Harmoniker...the Logarithmic Compressor...the SSB, Jr??? These original developments were first publicized in the G-E Ham News -- all were designed by G-E engineers. For top-notch ham developments or top-quality tubes for television, broadcast or industrial use, your best source is General Electric.

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*Tube Divisions, Electronics Department*

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*Schenectady, N. Y.*

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1951 NATIONAL A.R.R.L. CONVENTION**

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☐ Great Circle Map

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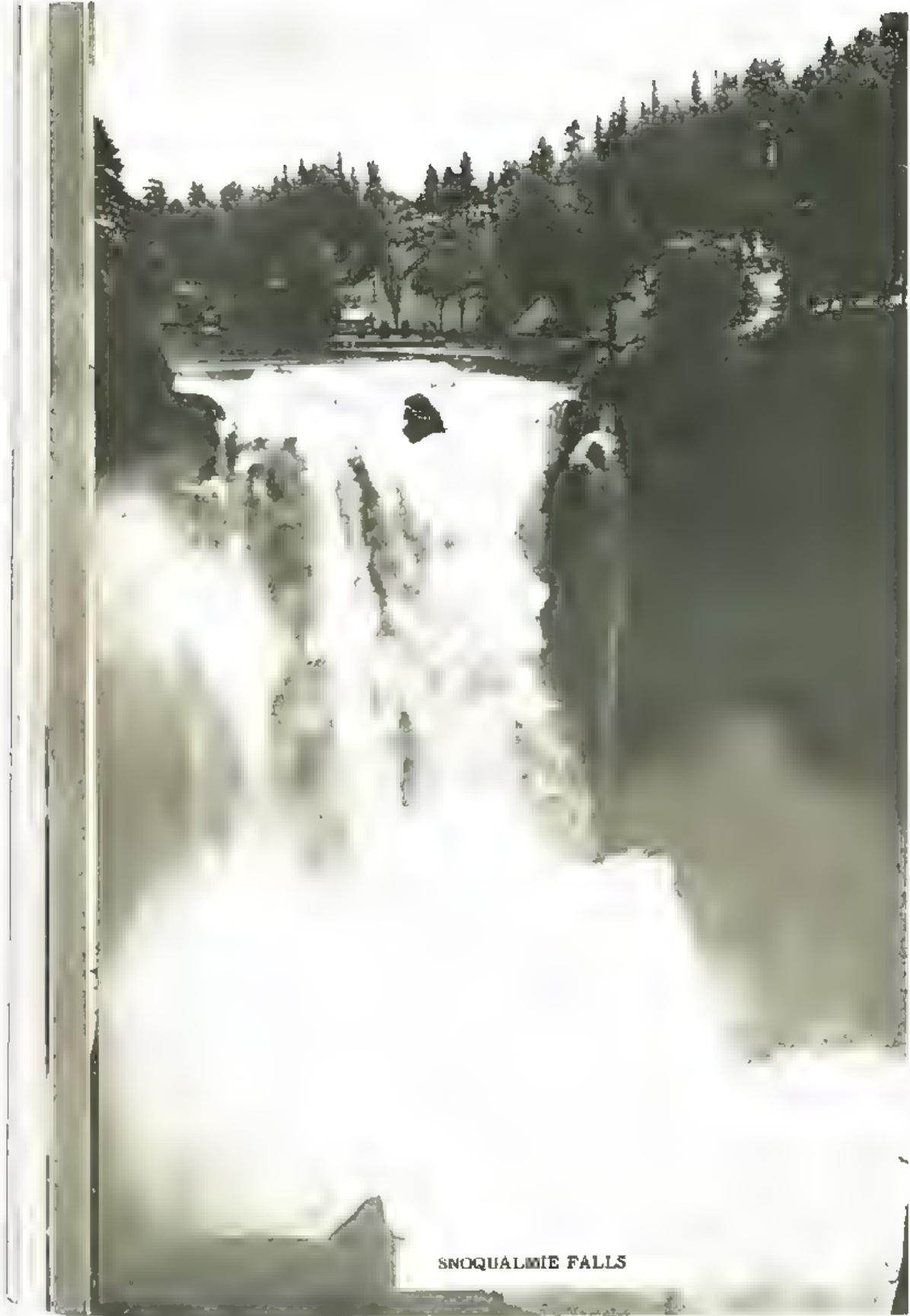
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SNOQUALMIE FALLS



*for the Critical!*



... The **H-9** 100 Kc Crystal

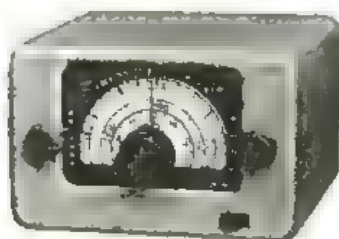
- ▶ Rugged, metal-encased
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COMPLETE WITH CIRCUIT DATA **\$7.95**

*Crystals from 3 kc to 100 mc for new equipment or replacement.*

**THE JAMES KNIGHTS CO.** SANDWICH ILLINOIS

*for finest reception!* **GONSET**



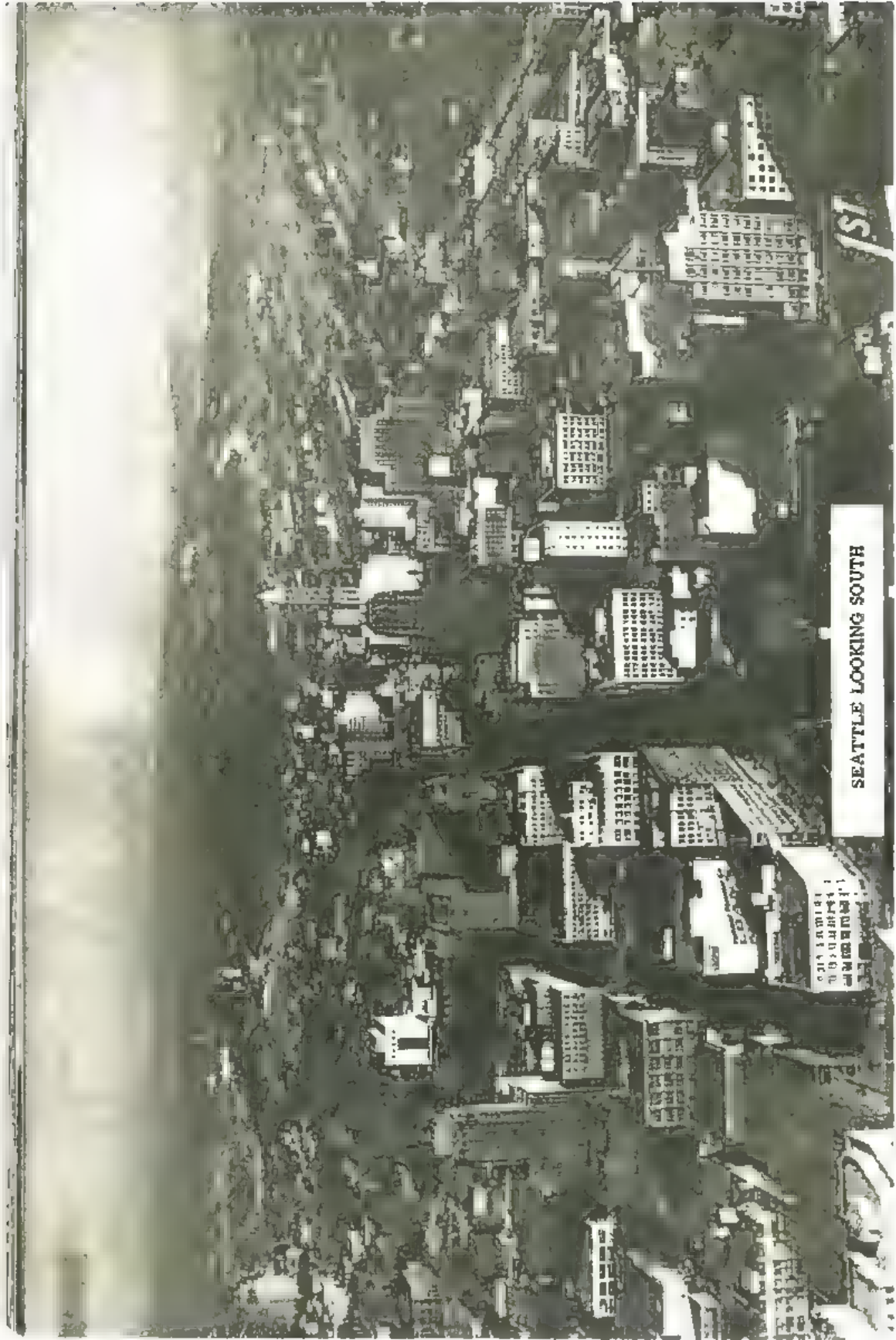
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**TRI-BAND  
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Largest bandspread of any mobile converter manufactured • Very low drift, noise factor, and image response • Edge lit dial featuring color band tuning • Covers 10-11, 20, 75 meter phone bands • Used with your auto or fixed radio • Cabinet size 5¼x5¼x3½

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SEATTLE LOOKING SOUTH

## GREETINGS, GANG!

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For Personalized Service, Liberal Trade-ins, and E-Z Payments, you will benefit most by dealing with World Radio Laboratories - "The World's Largest Distributor of Amateur Radio Transmitting Equipment."

-Leo I. Meyerson, W0GFQ

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LAWRENCE BARRETT

Vermont 8511

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The 240 is a complete 40 watt Phone CW rig, working all bands from 160 to 10 meters; complete with (8x14x8) cabinet, self contained (A.C.) power supply, meter, tubes, crystal and coils for 40 meters. Tube line-up 6V6 osc., 807 final, 6SJ7 mike amp. 6N7 phase inverter, 2 6L6s mod., 5U4G rect. Weight 30 lb. 30 day guarantee. PRICE. . . . . \$79.95

\$25 deposit with order - balance C.O.D.

Coils for 80, 20, and 10 meters, \$2.91 pr set

Coils for 160 meters, \$3.60

Equipped for CAP 2374 Kc .... \$84.95

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Valley Stream, N. Y.





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The New  
S-76—\$169.50

## SENSITIVITY...SELECTIVITY never before combined!

### MAXIMUM Sensitivity!

the hallicrafters co.  
ENGINEER'S INSPECTION  
REPORT

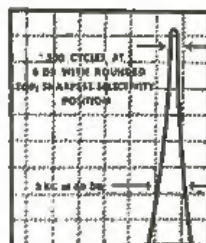
MODEL S-76 SERIAL NO. 150,797 CHECKED

ITEM	REMARKS	DATE	INITIALS
1	2.0	11/13/51	J.E.
2	2.0	11/13/51	J.E.
3	2.0	11/13/51	J.E.
4	2.0	11/13/51	J.E.
5	2.0	11/13/51	J.E.
6	2.0	11/13/51	J.E.
7	2.0	11/13/51	J.E.
8	2.0	11/13/51	J.E.
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12	2.0	11/13/51	J.E.
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14	2.0	11/13/51	J.E.
15	2.0	11/13/51	J.E.
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17	2.0	11/13/51	J.E.
18	2.0	11/13/51	J.E.
19	2.0	11/13/51	J.E.
20	2.0	11/13/51	J.E.

2 microvolts average sensitivity with  $\frac{1}{2}$  watt output. One r-f, two i-f, and two conversion stages. 9 tubes plus regulator and rectifier.

### PENCIL-THIN Selectivity!

500 cycle "nose" selectivity (6 db down) and 3 kc "skirt" selectivity (60 db down) with control in sharpest of five positions.



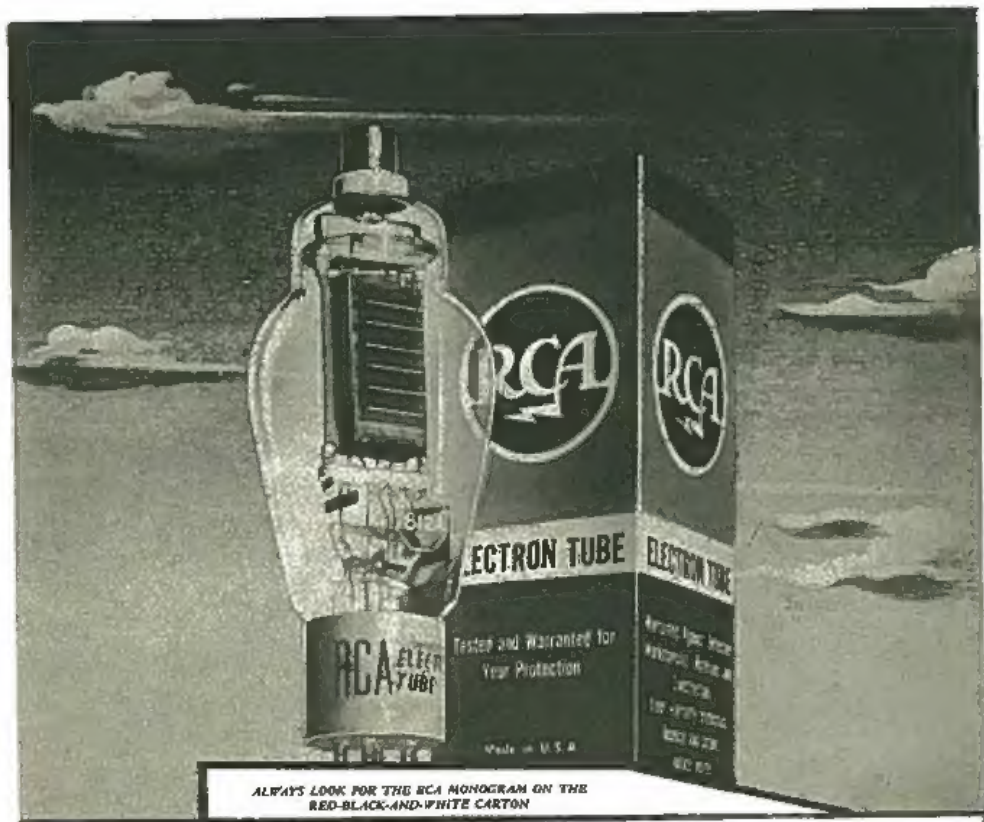
Also see the SX-71, double conversion receiver with NBFM; 11 tubes plus regulator and rectifier . . . \$199.50

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